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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Edwin C. Bartlett et al.
Serial No.: 09/711,039
Filing Date: 11/09/2000
Title: APPARATUS AND METHOD FOR ANCHORING SUTURES
Group Art Unit: 3731
Examiner: Gary Jackson
Attorney's Docket No.: MIT-0223

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR 1.56, 1.97 and 1.98, Applicants hereby make the following documents of record in the above-identified application:

U.S. Patents

- (1) U.S. Patent No. 1,538,173 issued 05-19-1925 to Daughaday
- (2) U.S. Patent No. 3,254,890 issued 06-07-1966 to Watson
- (3) U.S. Patent No. 3,907,289 issued 09-23-1975 to Bondu, Sr.
- (4) U.S. Patent No. 3,973,277 issued 08-10-1976 to Semple et al.
- (5) U.S. Patent No. 4,386,971 issued 06-07-1983 to Melton et al.
- (6) U.S. Patent No. 4,404,025 issued 09-13-1983 to Mercier et al.
- (7) U.S. Patent No. 4,502,896 issued 03-05-1985 to Duerig et al.
- (8) U.S. Patent No. 4,505,767 issued 03-19-1985 to Quin
- (9) U.S. Patent No. 4,533,411 issued 08-06-1985 to Melton
- (10) U.S. Patent No. 4,553,543 issued 11-19-1985 to Amarasinghe
- (11) U.S. Patent No. 4,565,589 issued 01-21-1986 to Harrison
- (12) U.S. Patent No. 4,605,414 issued 08-12-1986 to Czajka
- (13) U.S. Patent No. 4,632,100 issued 12-30-1986 to Somers et al.
- (14) U.S. Patent No. 4,669,473 issued 06-02-1987 to Richards et al.
- (15) U.S. Patent No. 4,669,725 issued 06-02-1987 to Taylor
- (16) U.S. Patent No. 4,738,255 issued 04-19-1988 to Goble et al.
- (17) U.S. Patent No. 4,741,330 issued 05-03-1988 to Hayhurst
- (18) U.S. Patent No. 4,832,026 issued 05-23-1989 to Jones
- (19) U.S. Patent No. 4,898,156 issued 02-06-1990 to Gattorna et al.
- (20) U.S. Patent No. 4,899,743 issued 02-13-1990 to Nicholson et al.

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- (21) U.S. Patent No. 4,932,973 issued 06-12-1990 to Gendler
- (22) U.S. Patent No. 4,946,468 issued 08-07-1990 to Li
- (23) U.S. Patent No. 4,968,315 issued 11-06-1990 to Gattuma
- (24) U.S. Patent No. 4,968,316 issued 11-06-1990 to Hergenroeder
- (25) U.S. Patent No. 5,002,550 issued 03-26-1991 to Li
- (26) U.S. Patent No. 5,011,473 issued 04-30-1991 to Gattuma
- (27) U.S. Patent No. 5,041,129 issued 08-20-1991 to Hayhurst et al.
- (28) U.S. Patent No. 5,046,513 issued 09-10-1991 to Gattuma et al.
- (29) U.S. Patent No. 5,067,962 issued 11-26-1991 to Campbell et al.
- (30) U.S. Patent No. 5,073,373 issued 12-17-1991 to O'Leary et al.
- (31) U.S. Patent No. 5,100,417 issued 03-31-1992 to Cerier et al.
- (32) U.S. Patent No. 5,102,421 issued 04-07-1992 to Anspach, Jr.
- (33) U.S. Patent No. 5,141,520 issued 08-25-1992 to Goble et al.
- (34) U.S. Patent No. 5,156,616 issued 10-20-1992 to Meadows et al.
- (35) U.S. Patent No. 5,174,087 issued 12-29-1992 to Bruno
- (36) U.S. Patent No. 5,176,682 issued 01-05-1993 to Chow
- (37) U.S. Patent No. 5,217,486 issued 06-08-1993 to Rice et al.
- (38) U.S. Patent No. 5,258,016 issued 11-02-1993 to DiPoto et al.
- (39) U.S. Patent No. 5,269,809 issued 12-14-1993 to Hayhurst et al.
- (40) U.S. Patent No. 5,290,558 issued 03-01-1994 to O'Leary et al.
- (41) U.S. Patent No. 5,298,254 issued 03-29-1994 to Prewett et al.
- (42) U.S. Patent No. 5,312,438 issued 05-17-1994 to Johnson
- (43) U.S. Patent No. 5,423,860 issued 06-13-1995 to Lizardi et al.
- (44) U.S. Patent No. 5,464,425 issued 11-07-1995 to Skiba
- (45) U.S. Patent No. 4,702,250 issued 10-27-1987 to Ovil et al.
- (46) U.S. Patent No. 5,354,298 issued 10-11-94 to Lee et al.
- (47) U.S. Patent No. 5,782,863 issued 07-21-1998 to Bartlett
- (48) U.S. Patent No. 5,683,418 issued 11-04-1997 to Luscombe et al.

Foreign Patent Documents

- (49) Canadian Patent No. 2,045,903 published 01-03-1992 to American Cyanamid Company
- (50) Canadian Patent No. 2,046,010 published 01-03-1992 to American Cyanamid Company
- (51) Canadian Patent No. 2,159,295 published 03-28-1996 to Mitek Surgical Products, Inc.
- (52) International Patent No. WO 93/09730 published 05-30-1993 to Jacques Bahaud
- (53) European Patent No. 684,013 A published 11-29-1995 to Luscombe et al.

Other Documents

- (54) RICHMOND ET AL., "Modification of the Bankart Reconstruction with a Suture Anchor", The American Journal of Sports Medicine, vol. 19, No. 4, pp. 343-346 (Jul./Aug. 1991).
- (55) WOLF, "Arthroscopic Capsulolabral Repair Using Suture Anchors", Orthopedic Clinics of North America, vol. 24, No. 1, pp. 59-69 (Jan. 1993).
- (56) CARPENTER ET AL. "Pull-Out Strength of Five Suture Anchors", The Journal of Arthroscopic and Related Surgery, vol. 9, No. 1, pp. 109-113 (Feb. 1993).

The above-identified documents 1-3, 5-8, 9, 11, 13, 15, 16, 18-20, 22-28, 31-33, 35, 37, 49, 50, and 54-56, which are listed on the accompanying Form PTO-1449 (four pages), were previously submitted to, or cited by, the Office in U.S. Patent No. 5,626,612. The above-identified documents 10, 12, 14, 17, 21, 29, 34, 36, 38-47, and 51-53, which are listed on the accompanying Form PTO-1449 (four pages), were previously submitted to, or cited by, the Office in U.S. Application Serial No. 09/712,062. Copies of documents 4 and 48, which are also listed on the accompanying Form PTO-1449 (four pages), are enclosed. Applicants respectfully request that these documents be fully considered by the U.S. Patent and Trademark Office during the examination of this application and printed on any patent which may issue on this application. Applicants also respectfully request that a copy of Form PTO-1449 (four pages), as considered and initialed by the Examiner, be returned to the undersigned with the next communication.

Please charge any additional fees due in connection with this submission, or credit any overpayment, to Deposit Account No. 16-0221. A duplicate copy of this submission is enclosed for the convenience of the Examiner.

Thank you.

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December 16, 2003

(DATE OF DEPOSIT)

James A. Sheridan

(NAME OF ATTORNEY)

James A. Sheridan 12/16/2003

(SIGNATURE)

December 16, 2003

(DATE OF SIGNATURE)

Respectfully submitted,

James A. Sheridan 12/16/2003

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete if Known

Application Number	09/711,039
Filing Date	11/09/2000
First Named Inventor	Edwin C. Bartlett et al.
Group Art Unit	3731
Examiner Name	Gary Jackson
Attorney Docket Number	MIT-0223

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		1,538,173		Daughday	05-19-1925	
		3,254,890		Watson	06-07-1996	
		3,907,289		Bondu, Sr.	09-23-1978	
		3,973,277		Semple et al.	08-10-1976	
		4,386,971		Melton et al.	06-07-1983	
		4,404,025		Mercier et al.	09-13-1983	
		4,502,896		Duerig et al.	03-05-1985	
		4,505,767		Quin	03-19-1985	
		4,533,411		Melton	08-06-1985	
		4,553,543		Amarasinghe	11-19-1985	
		4,565,589		Harrison	01-21-1986	
		4,605,414		Czajka	08-12-1986	
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		4,669,473		Richards et al.	06-02-1987	
		4,669,725		Taylor	06-02-1987	
		4,738,255		Goble et al.	04-19-1988	
		4,741,330		Hayhurst	05-03-1988	
		4,832,026		Jones	05-23-1989	

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		CA	2,045,903		American Cyanamid Company	01-03-1992		
		CA	2,046,010		American Cyanamid Company	01-03-1992		
		CA	2,159,295		Mitek Surgical Products, Inc.	03-28-1996		
		WO	93/09730		Jacques-Bahaud	05-30-1993		
		EU	684,013	A	Luscombe et al.	11-29-1995		

Examiner Signature

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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STATEMENT BY APPLICANT**

Sheet 2 of 4

Application Number	09/711,039
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Group Art Unit	3731
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Attorney Docket Number	MIT-0223

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		Number	Kind Code ² (if known)			
		4,832,026		Jones	05-23-1989	
		4,898,156		Gattorna et al.	02-06-1990	
		4,899,743		Nicholson et al.	02-13-1990	
		4,932,973		Gendler	06-12-1990	
		4,946,468		Li	08-07-1990	
		4,968,315		Gattorna	11-06-1990	
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		5,002,550		Li	03-26-1991	
		5,011,473		Gattorna	04-30-1991	
		5,041,129		Hayhurst et al.	08-20-1991	
		5,046,513		Gattorna et al.	09-10-1991	
		5,067,962		Campbell et al.	11-26-1991	
		5,073,373		O'Leary et al.	12-17-1991	
		5,100,417		Cerier et al.	03-31-1992	
		5,102,421		Anspach, Jr.	04-07-1992	
		5,141,520		Goble et al.	08-25-1992	
		5,156,616		Meadows et al.	10-20-1992	
		5,174,087		Bruno	12-29-1992	

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Sheet	3	of	4
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		5,217,486		Rice	06-08-1993	
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		5,269,809		Hayhurst et al.	12-14-1993	
		5,290,558		O'Leary et al.	03-01-1994	
		5,312,438		Skiba	11-07-1995	
		4,702,250		Ovil et al.	10-27-1987	
		5,354,298		Lee et al.	10-11-1994	
		5,782,863		Bartlett	07-21-1998	
		5,683,418		Luscombe et al.	11-04-1997	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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